RIC 2001 Deregulation, Session W13

Surviving and Thriving with Deregulation

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Electric Restructuring Has Increased Nuclear Consolidation

Acquisitions

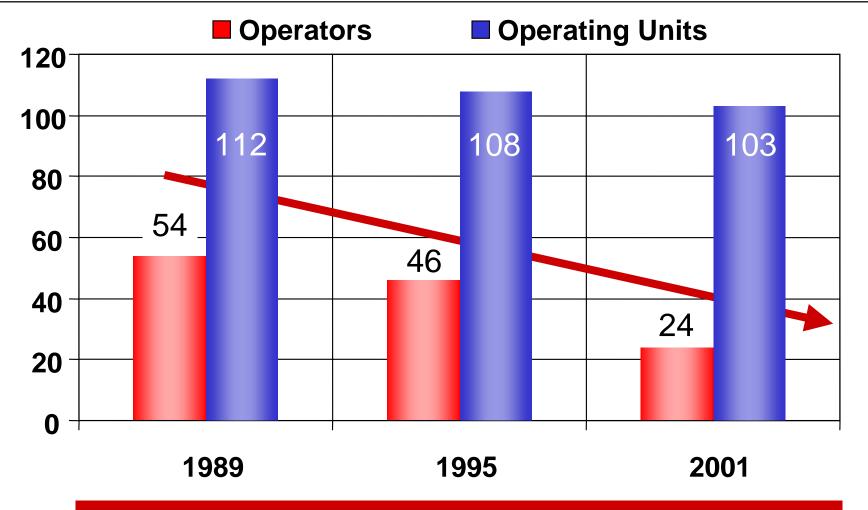
 Majority Owners Buying Out Minority Owners

Mergers

Nuclear Operating Companies



Electric Restructuring Has Increased Nuclear Consolidation



Probably Down to 6 Major Operators in Next 6 Years

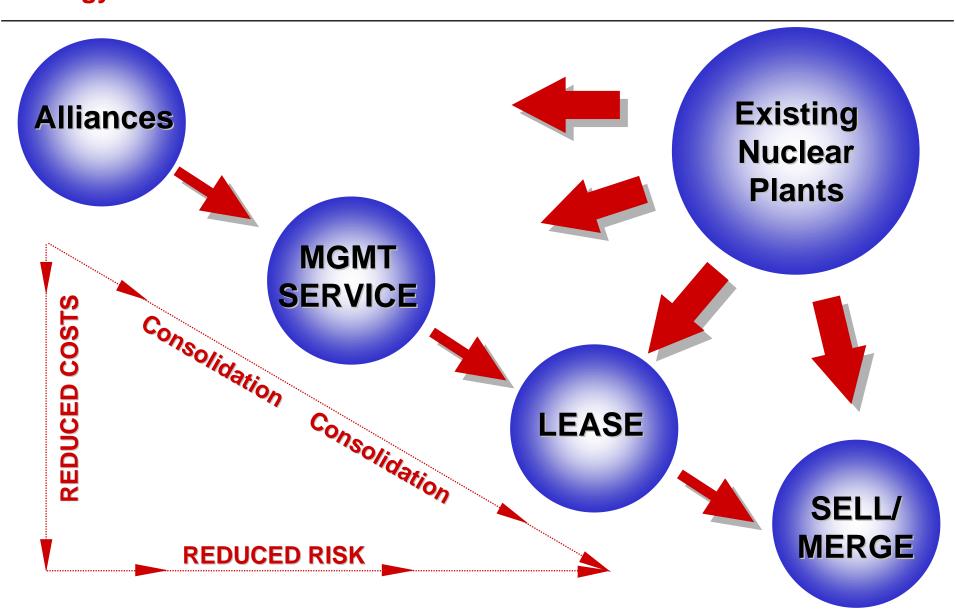


Advantages of Consolidation

- Nuclear Focused Management & Oversight
- Economies of Scale & Resource Sharing
- Sufficient Resources
 - Financial
 - Management
 - Technical
- Fast and Thorough Response
- Regulatory Understanding & Interface
- Risk Tolerance Mutual Fund Effect

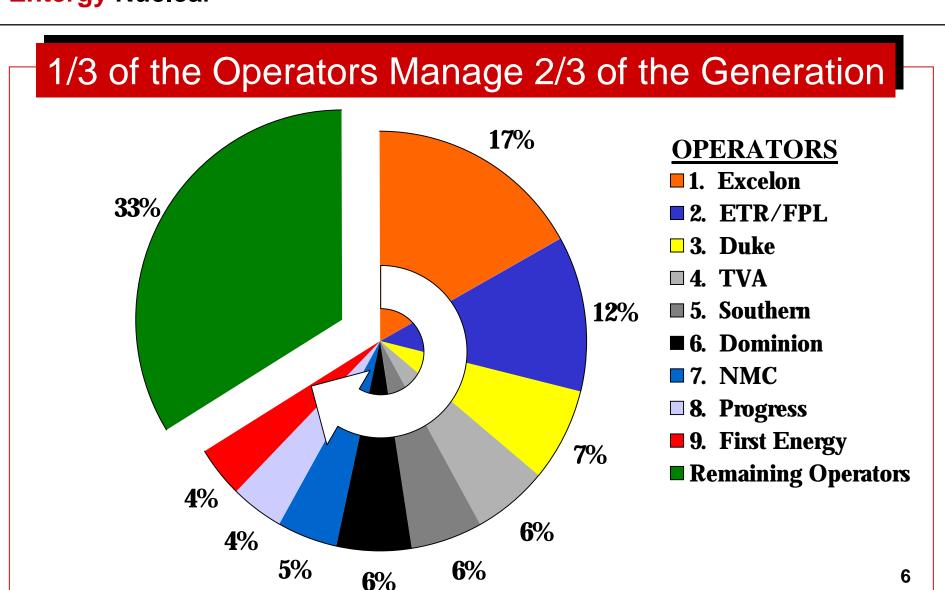


Progress of Consolidation





Current Major Operators





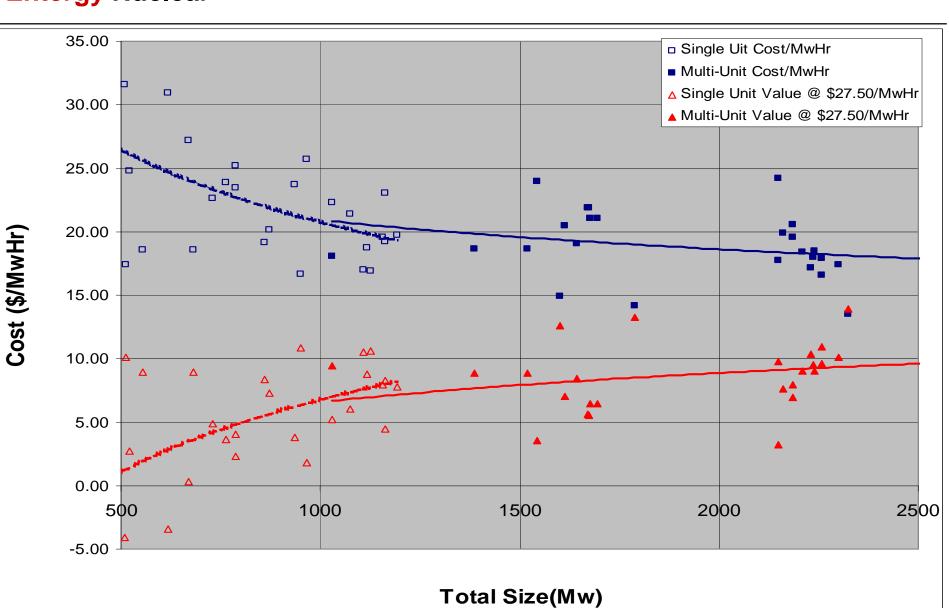
Plant Value Drivers

- Continued Safety
- Size of Plant and Number of Units
- Market Price Forecast
- Forward Operating Costs
- Plant Reliability
- People



Cost/Value vs. Size

Entergy Nuclear





Value vs. Size Analysis

Small Single Unit

Value (\$/MW) =
$$[$27.5 - 26] X [Generation] = 1.5$$

Large Single Unit or Dual Units (25% Savings)

Value (\$/MW) =
$$\begin{bmatrix} $27.5 - 19.5 \end{bmatrix} X \begin{bmatrix} Generation \end{bmatrix} = 8.0$$

25% Savings Increases Value by a Factor of 5



Regulatory Approval

State:	PSC(s), Environmental Permits
Local:	Property Taxes/EP/Real Estate
IRS:	Decommissioning Trust
FERC:	PPAs/ Asset Transfer Interconnection/ EWG/ Market Based Rate Authority
DOJ/FTC:	Hart Scott Rodino (Anti-Trust)
NRC:	License Transfer
FCC:	Communication Licenses



NRC Impacts

- Numerous License Transfer Applications
- To-Date All Approved in Timely Manner
- Commission Order Required Hearing Related to NYPA
- Decommissioning Fund Alternatives
- Technical Qualifications of Mgmt Staff
- Organizational Structure
- Required Financial Assurances
- Price Anderson Indemnity



California - The Perfect Storm

Three Colliding Events...

- Lack of Generation/Transmission Development
- Doubling of Natural Gas Prices
- Deregulation with No Long Term PPAs

California will slow down nuclear consolidation but it **will** continue due to its advantages

Sellers will want long term PPAs

California could **really** use the 930 MW from Ranch Seco today



Building New Nuclear Plants

- Early Site Permitting
- Inherently Safe/Low Cost Standard Design
- Resolution of High/Low Level Waste Disposal
- Continued High Natural Gas Prices
- Environmental/Carbon Credits
- Public Acceptance of Nuclear/NIMBY

Demonstration Plants Will Be Co-Sponsored By Major Nuclear Companies With Help From DOE



Conclusion

- Consolidation will make plants:
 - Safer
 - Reliable
 - More Cost Effective
- Larger and financially strong operators will stabilize the industry
 - Extending the life on existing plants
 - Building new plants
 - Decommissioning and repowering

Consolidation is needed to Survive and Thrive